

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query           | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|------------------------|---|------------------|---------|---------------------|
| S1    | 6    | "674235".ap.           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/01/07<br>11:53 |
| S2    | 108  | nobis with rudolph.in. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/05/30<br>14:01 |
| S3    | 60   | S2 and @pd<"20030929"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/05/30<br>14:13 |
| S4    | 3034 | 606/190,191,108.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/05/30<br>14:13 |
| S6    | 2054 | S4 and @pd<"20030929"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/05/30<br>14:19 |
| S7    | 305  | S6 and endoscopic      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/05/30<br>14:18 |
| S8    | 578  | 600/201,204,235.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/05/30<br>14:19 |

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| S9  | 457 | S8 and @pd<"20030929"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/30<br>14:21 |
| S10 | 11  | (sleeve or shaft or tube)<br>same (cable or wire with<br>move\$3) and (housing<br>with configurations) and<br>(jaws or forceps) and<br>(actuator)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/30<br>14:37 |
| S11 | 42  | ("20010018553"  <br>"20020062065"  <br>"20020095177"  <br>"20050070764"  <br>"20050070885"  <br>"4909789"   "5152278"  <br>"5352235"   "5431675"  <br>"5483952"   "5562655"  <br>"5626597"   "5810876"  <br>"5827323"   "5830231"  <br>"5908436"   "6162209"  <br>"6533720"   "6533797"  <br>"6575919"   "6786865").<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/30<br>15:08 |
| S12 | 2   | "5275322".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/30<br>15:09 |
| S13 | 2   | "6533797".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/30<br>15:09 |
| S14 | 7   | "674235".ap.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/07<br>12:07 |

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|-----|----|--|---|----|-----|---------------------|
| S15 | 44 | ("20010018553"  <br>"20020062065"  <br>"20020095177"  <br>"20050070764"  <br>"20050070885"  <br>"4909789"   "5152278"  <br>"5275322"   "5352235"  <br>"5431675"   "5483952"  <br>"5562655"   "5626597"  <br>"5810876"   "5827323"  <br>"5830231"   "5908436"  <br>"6162209"   "6533720"  <br>"6533797"   "6575919"  <br>"6786865").PN.                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/07<br>12:17 |
| S16 | 2  | "7094202".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/07<br>12:17 |
| S17 | 24 | ("20010018553"  <br>"20020062065"  <br>"20020095177"  <br>"20030212308"  <br>"20040220449"  <br>"20050070754"  <br>"20050070764"  <br>"4909789"   "5152278"  <br>"5352235"   "5431675"  <br>"5483952"   "5562655"  <br>"5626597"   "5810876"  <br>"5827323"   "5830231"  <br>"5908436"   "6162209"  <br>"6533720"   "6533797"  <br>"6575919"   "6679834"  <br>"6786865").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/01/07<br>12:18 |
| S18 | 0  | ("7094202").URPN.  | USPAT   | OR | OFF | 2008/01/07<br>12:19 |
| S19 | 2  | "5582617".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/07<br>12:20 |
| S20 | 2  | "5827323".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/07<br>13:49 |

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| S21 | 2   | "6860860".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/07<br>12:21 |
| S22 | 3   | (flexible with shaft with<br>wire) same (actuator) and<br>(configurations) and<br>(coupled or decoupled)<br>and (lumen)and<br>(600/101,104,131.ccls.) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/07<br>13:52 |
| S23 | 11  | (flexible with shaft with<br>wire) same (actuator) and<br>(configurations) and<br>(coupled or decoupled)<br>and (lumen)and ("600"/\$.<br>ccls.)       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/07<br>14:38 |
| S24 | 2   | "6402781".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/07<br>14:55 |
| S25 | 554 | 600/101.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/05<br>05:04 |
| S26 | 204 | S25 and<br>@pd<"20030929"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/05<br>05:06 |
| S27 | 6   | "674235".ap.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/05<br>05:30 |
| S28 | 2   | S26 and loop and actuator<br>and jaws   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/05<br>05:57 |

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| S29 | 6    | S26 and loop and actuator  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/05<br>06:01 |
| S30 | 14   | ("1284060"   "3404677"  <br>"3858586"   "4103680"  <br>"4174715"   "4222380"  <br>"4257420"   "4427014"  <br>"4655219"   "5172700"  <br>"5222973"   "5304183").<br>PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/05/05<br>06:17 |
| S31 | 32   | ("5782747").URPN.  | USPAT   | OR | OFF | 2009/05/05<br>06:19 |
| S32 | 1384 | 606/205.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/06<br>16:46 |
| S33 | 897  | S32 and<br>@pd< "20030929"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/06<br>16:47 |
| S34 | 817  | (Jaw near4 shaft) and<br>(cable) and (grasp\$4 or<br>release or pull)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/06<br>16:54 |
| S36 | 38   | S34 and decouple\$   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/06<br>16:55 |
| S37 | 21   | (US-20020045909-\$ or US-<br>20020151916-\$ or US-<br>20020177861-\$ or US-<br>20030069592-\$).did. or<br>(US-3882854-\$ or US-<br>4733664-\$ or US-<br>5049153-\$ or US-<br>5084057-\$ or US-<br>5766189-\$ or US-<br>6814742-\$ or US-<br>5156609-\$).did. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/06<br>17:14 |

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| S38 | 2  | "5049153".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/06<br>17:23 |
| S39 | 33 | ("0943263"   "1510416"  <br>"2113246"   "2968041"  <br>"3378010"   "3518993"  <br>"3882854"   "3958576"  <br>"4038987"   "4367746"  <br>"4394861"   "4446865"  <br>"4485817"   "4496090"  <br>"4681107"   "4706668"  <br>"4714075"   "4735194"  <br>"4759364"   "4796627"  <br>"4821721"   "4841888"  <br>"4880015"   "4887612"  <br>"4945920"   "4971067"  <br>"4983176").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/05/06<br>17:24 |
| S40 | 2  | "5308323".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/06<br>17:45 |
| S41 | 2  | "5196024".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/06<br>17:46 |
| S42 | 2  | "5470415".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/06<br>17:46 |
| S43 | 5  | "3841521".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/07<br>09:07 |
| S44 | 2  | ("1122365").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/05/07<br>09:07 |
| S45 | 14 | ("3841521").URPN.  | USPAT   | OR | OFF | 2009/05/07<br>09:08 |

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| S46 | 1401 | 606/170.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/07<br>11:48 |
| S47 | 1051 | S46 and<br>@pd<"20030929"        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/07<br>11:51 |
| S48 | 2    | "7025775".pn.                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/07<br>12:00 |
| S49 | 2135 | 606/205,206,207.ccls.            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/07<br>12:31 |
| S50 | 1500 | S49 and<br>@pd<"20030929"        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/07<br>12:31 |
| S51 | 49   | S50 and (torsion with<br>spring) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/07<br>12:32 |
| S52 | 596  | 403/1,9.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/07<br>12:58 |
| S53 | 555  | S52 and<br>@pd<"20030929"        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/07<br>12:58 |

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| S55 | 58   | ("20010018553"  <br>"20020062065"  <br>"20020062136"  <br>"20020095177"  <br>"20040021276"  <br>"20050070764"  <br>"20050070885"  <br>"4714075"   "4909789"  <br>"5049153"   "5152278"  <br>"5275322"   "5352235"  <br>"5431675"   "5483952"  <br>"5527313"   "5562655"  <br>"5626597"   "5647686"  <br>"5810876"   "5827323"  <br>"5830231"   "5908436"  <br>"6162209"   "6533720"  <br>"6533797"   "6575919"  <br>"6786865"   "7025775").<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/12/03<br>10:57 |
| S56 | 6    | "674235".ap.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/12/03<br>11:13 |
| S57 | 4991 | (actuat\$3 near<br>mechanism) and (shaft)<br>and (remov\$3 or decoupl<br>\$3) and (positions).clm.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/12/03<br>12:57 |
| S58 | 24   | (actuat\$3 near<br>mechanism) and (shaft)<br>and (remov\$3 or decoupl<br>\$3) and (positions) and<br>(effector) and (loop).clm.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/12/03<br>12:58 |

12/4/2009 3:02:13 PM

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